Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start		Rating **	Α	Issue No.		14		
LM End		Issue Type +	Ma	Location *				
Category Earthen Levee			GPS La	atituc	de/Longitude			
Calegory				Start		End		
Item		s & Maintena	nce		0		0	
пеш	Manuals				0		0	
DWR ID DWR_LD0002_01_s _ 2013_14								
		Comn	nent Cod	de				
		Inspecto	or Comm	nent				
The LMA h	nas copies	of the O&M n	nanuals.					

No Photos

Rating ** Issue No. Α LM Start 17 Issue Type + Ма Location * LM End Earthen Levee GPS Latitude/Longitude Category Start End Emergency Supplies & Item Equipment DWR_LD0002_01_s _ 2013_17 DWR ID Comment Code

No Photos

Inspector Comment
The LMA has adequate flood fight supplies and equipment.

LM Start		Rating **	Α	Issue No.		18	
LM End		Issue Type +	Ма	Location *			
Category	Category Earthen Levee			GPS La	atituc	de/Longitude	
Category				Start		End	
Item	Flood Pre	paredness &	Training		0		0
Item					0		0
DWR ID	DWR_LD00	002_01_s _ 201	3_18				
		Comn	nent Cod	le			
Inspector Comment							
	The LMA has completed flood fight training in the past. Recommend taking flood fight training.						

No Photos

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiancy

M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	0.07	Rating **	М	Issue No.	ue No. 6		
LM End	0.28	8 Issue Type + Ma		Location *		WS	
Category	Suppleme	plemental			GPS Latitude/Longitude		
Calegory				Start		End	
Item		CE Erosion S	Survey,	39.41464	9°	39.417689°	
пеш	DRAFT		-122.00985	3°	-122.010369°		
DWR ID	DWR_ST0	010_02_f _ 2022	2_4			·	

Inspector Comment

Comment Code

2017 Site ID: SAC 164.7 R

Status: Eroding

2017 Field Notes: New erosion along entire site.

Site History: 2009 - Very slow retreat, hard toe, encroaching into the levee projection. 2010 - Slowly eroding. 2011 - Site extended

downstream.

LM Start	0.07	Rating **	М	Issue No.	6 (cont)
LM End	0.28	Issue Type +	Ma	Location *	WS



USACE 2013 Photo #1

Photo 2 of 2: FA_2018_LD0002_28_6_20180905_00004.jpg



USACE 2013 Photo #2

LM Start	0.64	Rating **	М	Issue No.		35
LM End	0.77	Issue Type +	Ma	Location *		WS
Category Earthen Levee				GPS La	atitud	e/Longitude
Calegory						End
Item	Vegetatio	Vegetation			05°	39.424597°
пеш				-122.0116	40°	-122.011527°
DWR ID	DWR_LD0	002_01_s _ 201	8_35			
		Comn	nent Cod	de		
V2 : Remove the wild growth other than native grasses from the levee slopes.						

Inspector Comment

Remove the vegetation from the waterside slope.



View of the vegetation along the waterside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	1.15	Rating **	С	Issue No.		29		
LM End	1.15	Issue Type +	Ma	Location *	WS			
Category	evee	GPS La	atitud	e/Longitude				
Category				Start		End		
Item	Encroachi	ments		39.4300	98 °	39.430098°		
пеш				-122.0108	28°	-122.010828°		
DWR ID	DWR_LD00	002_01_s _ 201	7_29					
		Comn	nent Cod	de				
TR : Tree	or limb							
		Inspecto	or Comm	nent				
The tree w	The tree was removed from the waterside slope and toe.							

No Photos

Issue No. Rating ** С 1.24 40 LM Start 1.24 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 39.431499° 39.431499° Item -122.010803 ° -122.010803 ° DWR_LD0002_01_f _ 2013_40 DWR ID Comment Code

TR : Tree or limb

Inspector Comment

Remove the tree limbs from the waterside slope.

No Photos

LM Start	1.40	Rating **	М	Issue No.		34	
LM End	1.40	Issue Type +	Ma	Location *		CR	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Sategory					End	
Item	Crown Surface / Depressions /			39.4338	09°	39.433809	0
item	Rutting			-122.0108	14°	-122.010814	0
DWR ID	DWR_LD00	002_01_f _ 2016	5_34				
Comment Code							
C2 : Repair depressions or ruts in the crown or slope.							

Inspector Comment



View of a depression on the levee crown looking upstream.

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	1.52	Rating **	U	Issue No.		15
LM End	1.60	Issue Type +	Ma	Location *		LS
Category	Earthen Levee				atitud	le/Longitude
Calegory	Salegory					End
Item	Animal Co	ontrol		39.4354	85 °	39.436643°
пеш				-122.0106	40°	-122.010498°
DWR ID	DWR_LD0002_01_f _ 2012_15					·

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the landside slope.

Photo 1 of 1: FA_2018_LD0002_28_15_20181001_00057.jpg



View of the rodent holes along the landside slope.

LM Start	1.63	Rating **	М	Issue No.		32
LM End	1.63	Issue Type +	Ма	Location *		WS
Category	Earthen L	GPS La	atitud	e/Longitude		
Calegory	alegory					End
Item	Encroach	ncroachments			48°	39.437148°
пеш				-122.0104	75°	-122.010475°
DWR ID	DWR_LD0002_01_f _ 2017_32					

Comment Code

PR: Prunings

Inspector Comment

Remove the prunings from the waterside slope.

Photo 1 of 1 : FA_2018_LD0002_28_32_20180905_00016.jpg



View of the prunings along the waterside slope.

LM Start	2.91	Rating **	U	Issue No.		2	
LM End	2.96	Issue Type +	Ma	Location *		LS	
Category	Earthen L	GPS Latitude/Longitude					
Calegory	egory					End	
Item	Animal Co	nimal Control		39.45359	95°	39.454003	0
item					′3°	-122.015503	0
DWR ID	DWR_LD00	002_01_f _ 2015	5_2				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the landside slope.

Photo 1 of 2: FA_2018_LD0002_28_2_20180905_00001.jpg



View of the rodent holes along the landside slope.

LUCA	LIOII	
IS:	Land Side	N

LS : Land Side N/A : Not Applicable

VS : Water Side CR : Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	2.91	Rating **	U	Issue No.		2 (cont)
LM End	2.96	Issue Type +	Ma	Location *		LS
Category	Earthen L	GPS La	atitud	e/Longitude		
Calegory	Category					End
Item	Animal Co	ontrol		39.4535	95 °	39.454003°
item				-122.0162	73 °	-122.015503°
DWR ID	DWR_LD0002_01_f _ 2015_2					
Comment Code						

A3 : No rodents visible, but rodent burrows visible; need to backfill and

Inspector Comment

Repair the rodent holes along the landside slope.

compact or grout burrows.

Photo 2 of 2 : FA_2018_LD0002_28_2_20180905_00002.jpg



View of the rodent holes and bait station along the landside slope.

LM Start	3.11	Rating **	U	Issue No.		12
LM End	3.16	Issue Type +	Ма	Location *		LS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Animal Co	Animal Control			47°	39.456004°
пеш				-122.0136	23°	-122.012776°
DWR ID	DWR_LD00	002_01_s _ 201	3_12			

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along landside slope.

Photo 1 of 1: FA_2018_LD0002_28_12_20180905_00005.jpg



View of the rodent activity along the landside slope.

	LM Start	3.21	Rating **	С	Issue No.		37
	LM End	3.21	Issue Type +	Ma	Location *	LS	
	Category Earthen Levee				GPS La	tituc	le/Longitude
					Start		End
	Item	Trim / Thi	n Trees		39.45617	°0°	39.456170
	item				-122.01190	8°	-122.011908
	DWR ID	DWR_LD00	002_01_s _ 201				
	Comment Code						

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

The willow branches was trimmed on L/S slope

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.23	Rating **	М	Issue No.		16
LM End	3.30	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Category				Start		End
Item	Animal Co	ontrol		39.4561	92°	39.456272°
item				-122.0114	45°	-122.010163 °
DWR ID	DWR_LD00	002_01_f _ 2012	2_16			
		Comn	nent Cod	de		
A3 : No roo compact o		le, but rodent rows.	burrows	visible; nee	ed to	backfill and
Inspector Comment						
Grout or fill the rodent holes.						

LM Start	3.23	Rating **	M	Issue No.	16 (cont)
LM End	3 30	Issue Type +	Ma	Location *	1 9

Photo 1 of 2: FA_2018_LD0002_28_16_20180905_00009.jpg



View of the rodent holes along the landside slope.

Photo 2 of 2: FA_2018_LD0002_28_16_20180905_00010.jpg



View of the rodent holes along the landside slope.

LM Start	3.44	Rating **	U	Issue No.		27		
LM End	3.52	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	tituc	le/Longitude		
				Start		End		
Item	Animal Co	ontrol		39.45769	92 °	39.458705°		
item				-122.009517°		-122.009872°		
DWR ID	DWR_LD00	002_01_s _ 201	4_27					
		Comn	nent Cod	de				
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.								
Inspector Comment								
Repair the rodent holes on landside slope.								

Photo 1 of 2 : FA_2018_	LD0002_28	_27_20180905	_00011.jpg	j
			*	
			- 4	
	a Manie A			
			a to be a second	
	+ + +			
	+	A		
		1		
			第 本于	
		03/10	3/2014	
		9.0	-	

View of the rodent activity along the landside slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	3.44	Rating **	U	Issue No.		27 (cont)		
LM End	3.52	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Animal Co	Animal Control			92°	39.458705°		
пеш				-122.0095	17°	-122.009872°		
DWR ID	D DWR_LD0002_01_s _ 2014_27							
Comment Code								
A3 : No ro	A3 : No rodents visible, but rodent burrows visible; need to backfill and							

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes on landside slope.

Photo 2 of 2 : FA_2018_LD0002_28_27_20180905_00012.jpg



View of the rodent holes along the landside slope.

LM Start	3.53 Rating **		U	Issue No.		13
LM End	3.57	7 Issue Type + Ma		Location *		LS
Category	Earthen L	evee		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	Animal Co	ontrol		39.4588	03°	39.459305°
пеш				-122.0099	80°	-122.010511 °
DWR ID	DWR_LD0002_01_s _ 2013_13					

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1: FA_2018_LD0002_28_13_20180905_00006.jpg



View of the rodent activity along the landside slope.

	LM Start	3.60	Rating **	С	Issue No.		46	
	LM End	3.60	Issue Type +	Ma	Location *	tion * WS		
	Category	Earthen L	evee		GPS La	titud	e/Longitude	
					Start		End	
		Encroach	ments		39.4596	78°	39.459678	
					-122.0107	85°	-122.010785	
	DWR ID DWR_LD0002_01_f _ 2016_46							
			Comn	nent Coc	łe			

PR: Prunings

Inspector Comment

The tree limb was removed from the waterside slope and toe.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

		D-4i **		Innun Nin			
LM Start	3.94	Rating **	С	Issue No.		31	
LM End	3.94	Issue Type +	Ma	Location *	WS		
Category	Category Earthen Levee			GPS La	atitud	e/Longitude	
Category			Start		End		
Item	Encroachments			39.4645	48°	39.464548°	
item			-122.011420 °		-122.011420°		
DWR ID	DWR_LD00	002_01_s _ 201	7_31				
		Comn	nent Cod	de			
TR : Tree of	or limb						
Inspector Comment							
The tree was removed from the waterside slope and toe.							

No Photos

LM Start	4.02	Rating **	M	Issue No.		28
LM End	4.02	Issue Type +	Ma	Location *		LS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item	Animal Co	ontrol		39.4656	57°	39.465657°
пеш			-122.0112	37°	-122.011237°	
DWR ID	DWR_LD0002_01_f _ 2018_28					

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Repair the rodent holes along the landside slope.

Photo 1 of 1: FA_2018_LD0002_28_28_20181001_00068.jpg



View of the rodent holes along the landside slope.

	LM Start	4.02	Rating **	С	Issue No.	49		
	LM End	4.02	Issue Type +	Ma	Location *		WS	
	Category	Earthen L	evee		GPS La	atitud	e/Longitude	
					Start		End	
	Item	Encroach	ments		39.4656	87°	39.465687	0
					-122.0112	57°	-122.011257	0
	DWR ID	DWR_LD00	002_01_s _ 201					
Comment Code								

TR: Tree or limb

Inspector Comment

The tree was removed from the waterside slope and toe.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Levee District No. 0002 (Glenn County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Glenn County Sacramento River	Right	4.90	09/10/2018 09/10/2018	Bob Duffey

LM Start	4.05	Rating **	С	Issue No.		50
LM End	4.05	Issue Type +	Ma	Location *		WS
Category	Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Encroachments			39.466158 °		39.466158°
пеш				-122.0113	35°	-122.011335°
DWR ID	DWR_LD0002_01_s _ 2017_50					
Comment Code						
TR : Tree or limb						
Inspector Comment						
The tree was removed from the waterside slope and toe.						

No Photos

Issue No. Rating ** Μ 51 LM Start 4.62 4.62 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 39.473522° 39.473522° Item -122.015418 ° -122.015418° DWR_LD0002_01_s _ 2017_51 DWR ID **Comment Code**

No Photos

Inspector Comment

TR : Tree or limb

LM Start	4.70	Rating **	М	Issue No.	52		
LM End	4.70	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachments			39.474468°		39.474468°	
				-122.016175 °		-122.016175°	
DWR ID DWR_LD0002_01_s _ 2017_52							
Comment Code							
TR : Tree or limb							
Inspector Comment							

No Photos

* Location LS : Land Side N/A : Not Applicable WS: Water Side

U : Unacceptable

A : Acceptable M : Minimally Acceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement